

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{1}{5} \div 1\frac{4}{5} =$

2. $\frac{4}{9} \div 3\frac{2}{3} =$

3. $\frac{3}{4} \div 1\frac{7}{8} =$

4. $\frac{1}{3} \div 1\frac{1}{3} =$

5. $\frac{1}{4} \div 1\frac{2}{7} =$

6. $\frac{1}{4} \div 2\frac{4}{7} =$

7. $\frac{1}{5} \div 1\frac{5}{6} =$

8. $1\frac{1}{3} \div \frac{7}{9} =$

9. $\frac{1}{4} \div 2\frac{1}{3} =$

10. $\frac{1}{2} \div 2\frac{1}{2} =$

Dividing Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{1}{5} \div 1\frac{4}{5} = \frac{1}{5} \div \frac{9}{5} = \frac{1}{5} \times \frac{5}{9} = \frac{5}{45} = \frac{1}{9}$$

$$2. \frac{4}{9} \div 3\frac{2}{3} = \frac{4}{9} \div \frac{11}{3} = \frac{4}{9} \times \frac{3}{11} = \frac{12}{99} = \frac{4}{33}$$

$$3. \frac{3}{4} \div 1\frac{7}{8} = \frac{3}{4} \div \frac{15}{8} = \frac{3}{4} \times \frac{8}{15} = \frac{24}{60} = \frac{2}{5}$$

$$4. \frac{1}{3} \div 1\frac{1}{3} = \frac{1}{3} \div \frac{4}{3} = \frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$$

$$5. \frac{1}{4} \div 1\frac{2}{7} = \frac{1}{4} \div \frac{9}{7} = \frac{1}{4} \times \frac{7}{9} = \frac{7}{36}$$

$$6. \frac{1}{4} \div 2\frac{4}{7} = \frac{1}{4} \div \frac{18}{7} = \frac{1}{4} \times \frac{7}{18} = \frac{7}{72}$$

$$7. \frac{1}{5} \div 1\frac{5}{6} = \frac{1}{5} \div \frac{11}{6} = \frac{1}{5} \times \frac{6}{11} = \frac{6}{55}$$

$$8. 1\frac{1}{3} \div \frac{7}{9} = \frac{4}{3} \div \frac{7}{9} = \frac{4}{3} \times \frac{9}{7} = \frac{36}{21} = \frac{12}{7} = 1\frac{5}{7}$$

$$9. \frac{1}{4} \div 2\frac{1}{3} = \frac{1}{4} \div \frac{7}{3} = \frac{1}{4} \times \frac{3}{7} = \frac{3}{28}$$

$$10. \frac{1}{2} \div 2\frac{1}{2} = \frac{1}{2} \div \frac{5}{2} = \frac{1}{2} \times \frac{2}{5} = \frac{2}{10} = \frac{1}{5}$$